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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/690,181
Filing Date	October 21, 2003
First Named Inventor	Peter J. Hopper, et al.
Group Art Unit	2878
Examiner Name	Ellis, Suezu Y.
Total Number of Pages in This Submission	2
Attorney Docket Number	100-23400 (P05711)

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Mailing
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	May 31, 2005

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: M/S Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: May 31, 2005

Typed or printed name	Robin L. King	Date	May 31, 2005
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10/690,181



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Peter J. Hopper, et al.

Appln. No.: 10/690,181

Filed: October 21, 2003

For: OPTICAL SENSOR THAT MEASURES THE
LIGHT OUTPUT BY THE COMBUSTION
CHAMBER OF AN INTERNAL
COMBUSTION ENGINE

Group Art Unit: 2878

Examiner: Ellis, Suezu Y.

RESPONSE TO RESTRICTION REQUIREMENT
MAILED MAY 17, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The Examiner required that the above-identified application be restricted to claims 1-13 which are drawn to a sensor, or claims 14-20 which are drawn to a method of optimizing the combustion in a combustion engine. As a result, applicants elect to prosecute claims 1-13 without traverse.

Respectfully submitted,

Dated: 5-31-05

By: Mark C. Pickering

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Dated: May 31, 2005 By: Mark C. Pickering